

# DRAFT TCS HARDWARE / SOFTWARE INSTALLATION REQUIREMENTS MATRIX

This matrix was developed by the Operational Requirements Working Group of the Warfighter Planning Group as a first effort to identify hardware and software requirements for the Services to employ TCS. It is work in progress. Comments, recommended changes and questions are welcome. USACOM POCs are Frank Roberts, BATTLESPACE, Inc at (757) 322-0299, email [froberts@battlespace.com](mailto:froberts@battlespace.com) or CDR Stefansky or MAJ Wharton at (757) 444-8090, fax (757) 322-0260.

### ***TCS COMPONENTS REQUIRED FOR EACH INSTALLATION***

***For-comment draft***

[illegible]

**TCS COMPONENTS REQUIRED FOR EACH INSTALLATION**
*For-comment draft*

TCS REQUIRED EQUIPMENT BASED ON CAPABILITY DESIRED IN PRODUCTION SYSTEMS			LEVEL	SHELTER/G CS	LOS ANTENNA (IDT)	BLOS ANTENNA	A/V CONTROL COMPONENTS	A/V AUTO LAUNCH AND RECOVER	AVO WORKSTA	MISSION PO WORKSTA	CTDB SERVER	CDB SERVER	IMAGE LIBRARY (NIMA)	TACTICAL COMMS
	<b>USN</b>													
	<b>CV</b>													
	Pioneer		4		X		X		X	X	X	X		
	Outrider		4		&		X		&	&	&	&		
	Predator		4*		&	X	X		&	&	&	&		
	VTOL		5		&		X	X	&	&	&	&		
	HAE		1											
	<b>LHA/LHD</b>													
	Pioneer		4		X		X		X	X	X	X		
	Outrider		5		&		X	X	&	&	&	&		
	Predator		4*		&	X	X		&	&	&	&		
	VTOL		5		&		X	X	&	&	&	&		
	HAE		1											
	<b>LPD</b>													
	Pioneer		5		X		X		X	X	X	X		
	Outrider		4		&		X		&	&	&	&		
	Predator		4*		&	X	X		&	&	&	&		
	VTOL		5		&		X	X	&	&	&	&		
	HAE		1											
	<b>CRU/DES</b>													
	Pioneer		4		X		X		X	X	X	X		
	Outrider		4		&		X		&	&	&	&		
	Predator		4*		&	X	X		&	&	&	&		
	VTOL		5		&		X	X	&	&	&	&		
	HAE		1											
	<b>LCC</b>													
	Pioneer		4		X		X		X	X	X	X		
	Outrider		4		&		X		&	&	&	&		
	Predator		4*		&	X	X		&	&	&	&		
	VTOL		5		&		X	X	&	&	&	&		
	HAE		1											
	<b>SSN</b>													
	Pioneer		4		X		X		X	X	X	X		
	Outrider		4		&		X		&	&	&	&		
	Predator		4*		&		X		&	&	&	&		
	VTOL		4		&		X		&	&	&	&		
	HAE		1											

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*Current USAF (USAF/USA agreement) Doctrine does not support														
**If LOS Predator data is required either a modification to Outrider GDT will be required or a LOS antenna will be required														
*** If control of Predator and payload is desired, a TCS system is required for training. Possible training site Indian Springs.														
& Buy TCS once- capability is there for others on same platform.														